

## Chapter 2

### Introduction to Factory Models

2.1.

$$CT_q = 6.008 \text{ hr}$$

2.5.

Your results should show a cycle time of 6 hours and a throughput rate of 1/3 per hour. Note that the first 4 jobs entered the system before the simulation started.

2.7.

<i>WIP</i>	<i>CT</i>	<i>th</i>
5	15 hr	1/3 per hour
10	30 hr	1/3 per hour

2.9.

<i>WIP</i>	<i>CT</i>	<i>th</i>
1	6 hr	1/6 per hour
2	6 hr	1/3 per hour
3	9 hr	1/3 per hour
4	12 hr	1/3 per hour
5	15 hr	1/3 per hour